

OVEN CLEANERS  
AND PROTECTIVE FILMS FOR OVENS

AEROSOL HEAVY DUTY OVEN CLEANER (CAUSTIC/SURFACTANT)

Raw Materials		Percent by Weight
1.	Veegum T Stabilizer	0.75
2.	Kelzan Thickener	0.25
3.	Water	72.00
4.	Antaron FC-34 Surfactant	2.00
5.	Sodium Hydroxide	10.00
6.	Water	15.00
		100.00

- Manufacturing Directions
1. Dry blend 1 and 2
  2. Slowly add the 1-2 blend to 3, mixing continually until smooth
  3. Add 4 and stir slowly until uniform
  4. Carefully dissolve 5 in 6
  5. Slowly add the 5-6 solution to the 1-4 blend
  6. Mix until uniform

- Formulation Notes
1. Recommended aerosol package: 80% Concentrate/20% Propellants 12/114, 30/70 ratio.
  2. Directions for use: Use in either warm or cold oven. Hold can upright and spray oven surface from a distance of 9 to 12 inches. Allow foam to work for 10 to 20 minutes. Wipe clean with wet cloth or sponge.

Source: R.T. Vanderbilt Co., Inc., 30 Winfield St., Norwalk, CT 06855. *Technical Bulletin: Veegum Formulary - Formula No. 227.*

Raw Materials		Percent by Weight
1.	Water	70.00
2.	Veegum T Stabilizer	0.75
3.	Kelzan Thickener	0.25
4.	Renex 30 Surfactant	2.00
5.	Sodium Hydroxide	10.00
6.	Water	17.00
		100.00

- Manufacturing Directions
1. Dry blend 2 and 3
  2. Slowly add the 2-3 blend to 1 with stirring and mix until uniform
  3. Add 4 to the 1-3 blend with stirring
  4. Dissolve 5 in 6 with mixing
  5. Slowly add the 5-6 solution to the 1-4 blend with good agitation and mix until uniform

Formulation Note

Aerosol loading is 80% formulation and 20% Propellant 12/114 (40/60)

- Key Properties
- Excellent detergency and wetting properties
  - Resistant to hydrolysis

Source: ICI Americas, Inc., Wilmington, DE 19897. *Technical Bulletin 347-1: Industrial Applications for Surfactants.*

LIQUID OVEN CLEANER (CAUSTIC)

Raw Materials		Percent by Weight
1.	Water	85
2.	Starch	6
3.	Diamond Sodium Hydroxide (Anhydrous)	9
		100

- Key Properties
- Very effective cleaning properties

Source: Diamond Shamrock Corp., 1100 Superior Ave., Cleveland, OH 44114. *Technical Bulletin SP-DS-9: Formulation with Diamond Shamrock Detergent Alkalies.*